

## PATENT COOPERATION TREATY

From Japanese Patent Office

(INTERNATIONAL SEARCH AUTHORITY)

To: HAYASE, Kenichi  HAYASE & CO. 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0003 JAPAN	<div style="text-align: center;"><b>PCT</b></div> <div style="text-align: center;">WRITTEN OPINION OF THE ISA (PCT Rule 43bis)</div> <div style="text-align: center;">Date of Mailing 08 February 2005</div>
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Applicant's or agent's file reference P36047-PC		See item 2 below for the subsequent procedure	
International application No. PCT/JP2004/019324	International filing date 24 December 2004	Priority date 24 December 2003	
International Patent Classification (IPC) or national classification and IPC Int. Cl. <sup>7</sup> G03B21/00			
Applicant Matsushita Electric Industrial Co., Ltd.			

## 1. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 43.2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

OMISSION (2 and 3)

Date of completion of this opinion 20 January 2005	
Name and mailing address of the ISA/JPO Japanese Patent Office	Authorized officer  Telephone No.

**TRANSLATION of related part of Form PCT/ISA/237**

**WRITTEN OPINION OF THE ISA**

International application No.  
PCT/JP2004/019324

**I. Basis of the opinion**

1. This opinion has been drawn on the basis of the language of international application, unless otherwise indicated below.

OMISSION (2, 3, and 4)

## WRITTEN OPINION OF THE ISA

International application No.  
PCT/JP2004/019324

## V Reasoned statement under Rule 43.2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. STATEMENT

Novelty (N)	Claims 1-15	YES
	Claims NONE	NO
Inventive Step(IS)	Claims NONE	YES
	Claims 1-15	NO
Industrial Applicability (IA)	Claims 1-15	YES
	Claims NONE	NO

## 2. CITATIONS AND EXPLANATIONS

Document 1: JP 2003-279889 A

Document 2: JP 03-109591 A

Document 3: JP 2003-121791 A

## (1) Inventions relating to Claims 1, 2, 7, 13-15

The inventions described in the documents 1 and 2 relate to a laser projection display, and it is described that, in order to reduce speckles, a polarization stage modulator for modulating the polarization state of laser light is disposed in an optical path.

Further, the invention described in the document 3 relates to an image display device utilizing laser light, and it is described that, in order to reduce speckles, laser light transmitted through a  $\lambda/2$  wavelength plate is incident on an optical material having birefringence (refer to Fig.6, [0018], [0089] ~ [0091]).

It is easily conceived that the light beam modulated in the optical path of the laser projection display described in the document 1 or 2 is incident on the optical material having birefringence to reduce speckles.

## (2) Inventions relating to Claims 3-6, and 10-11

Since, in [0089] ~ [0091] of the document 3, a multistage is described, it is a design change that can be arbitrarily performed by those skilled in the art.

## (3) Inventions relating to Claims 8-9

In [0018] of the document 3, a dielectric crystal and a liquid crystal are exemplified as birefringent materials.

## (4) Invention relating to Claim 12

Integration can be arbitrarily performed.